

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

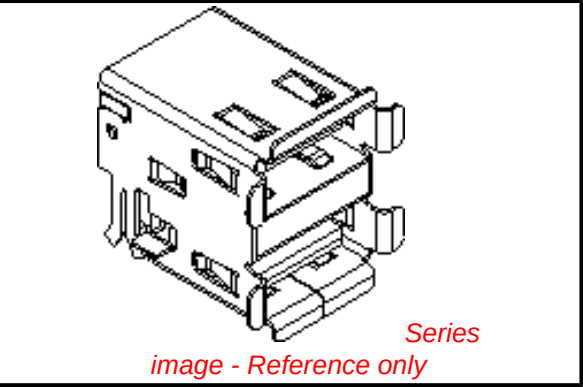
0672984091

Status:

Active

Description:

Universal Serial Bus (USB) Shielded I/O Receptacle, Right Angle, Dual Stacked, Type A, 0.76µm (30µ") Gold (Au) Plating, White Housing, with 4 Beveled Metal Pins, Lead Free



|                               |                                                          |
|-------------------------------|----------------------------------------------------------|
| Documents:                    |                                                          |
| <a href="#">3D Model</a>      | <a href="#">Product Specification PS-67298-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>     |

|                                |                      |
|--------------------------------|----------------------|
| General                        |                      |
| Product Family                 | I/O Connectors       |
| Series                         | 67298                |
| Application                    | Wire-to-Board        |
| Comments                       | 4 Beveled Metal Pins |
| Component Type                 | Receptacle           |
| Product Name                   | USB                  |
| Type                           | A                    |
| Physical                       |                      |
| Boot Color                     | N/A                  |
| Circuits (Loaded)              | 8                    |
| Circuits (maximum)             | 8                    |
| Gender                         | Receptacle           |
| Keying to Mating Part          | Yes                  |
| Lock to Mating Part            | Yes                  |
| Material - Plating Mating      | Gold                 |
| Material - Plating Termination | Tin                  |
| Number of Rows                 | 2                    |
| Orientation                    | Right Angle          |
| PC Tail Length (in)            | 0.110 In             |
| PC Tail Length (mm)            | 2.80 mm              |
| PCB Locator                    | Yes                  |
| PCB Retention                  | Yes                  |
| PCB Thickness Recommended (in) | 0.062 In             |
| PCB Thickness Recommended (mm) | 1.60 mm              |
| Packaging Type                 | Tray                 |
| Panel Mount                    | Yes                  |
| Pitch - Mating Interface (in)  | 0.079 In, 0.098 In   |
| Pitch - Mating Interface (mm)  | 2.00 mm, 2.50 mm     |
| Pitch - Term. Interface (in)   | 0.079 In, 0.098 In   |
| Pitch - Term. Interface (mm)   | 2.00 mm, 2.50 mm     |
| Plating min: Mating (µin)      | 30                   |
| Plating min: Mating (µm)       | 0.76                 |
| Polarized to Mating Part       | Yes                  |
| Polarized to PCB               | Yes                  |
| Ports                          | 2                    |
| Surface Mount Compatible (SMC) | No                   |
| Temperature Range - Operating  | 0°C to +50°C         |
| Termination Interface: Style   | Through Hole         |
| Waterproof / Dustproof         | No                   |
| Electrical                     |                      |
| Current - Maximum per Contact  | 1.5A                 |
| Shield Type                    | Full Shield          |
| Shielded                       | Yes                  |

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

67298Series

Mates With

USB Type A Plug

Voltage - Maximum

30V DC

**Material Info**

**Reference - Drawing Numbers**

Product Specification

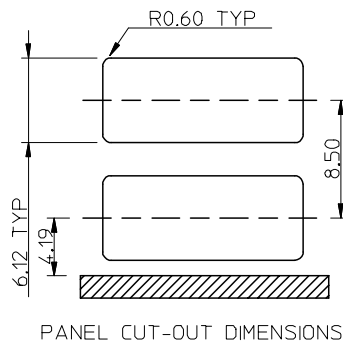
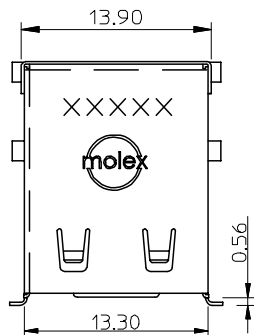
PS-67298-001

Sales Drawing

SD-67298-008

This document was generated on 03/31/2010

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#### NOTE :

##### 1. MATERIAL :

HOUSING :POLYESTER(PBT),GLASS FIBER FILLED, UL94-V0,COLOR:SEE TABLE  
 TERMINAL :PHOSPHOR BRONZE  
 METAL SHELL :FRONT SHELL:SUS 304  
 BACK SHELL:SPCC

##### 2. PLATING :

##### TERMINAL :

CONTACT AREA :SEE TABLE  
 SOLDER TAIL :TIN(Sn) ALLOY,THICKNESS=75 MICROINCH MIN/19 MICROMETER MIN.  
 UNDER PLATE :NICKEL(Ni),THICKNESS=50 MICROINCH MIN/127 MICROMETER MIN.  
 METAL SHELL :TIN PLATING,THICKNESS=100 MICROINCH MIN/254 MICROMETER MIN.  
 UNDER PLATE :NICKEL (Ni),THICKNESS=50 MICROINCH MIN/127 MICROMETER MIN.

##### 3. RECOMMENDED PCB THICKNESS :1.60+/-0.05mm

##### 4. PRODUCT SPECIFICATION:REFER TO PS-67298-001

##### 5. TEST SUMMARY:REFER TO TS-67298-008

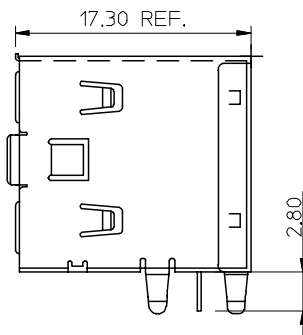
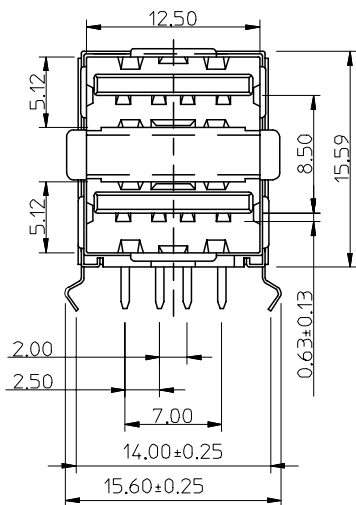
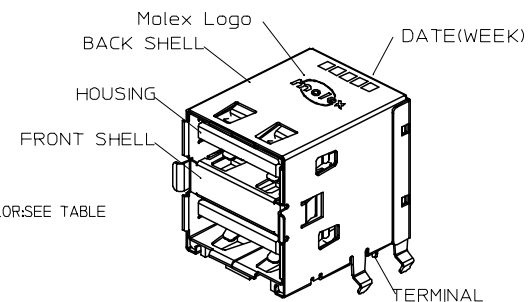
##### 6. PACKAGING:REFER TO PK-67298-003

##### 7. THE HOUSING MATERIAL IS NOT FOR IR REFLOW PROCESS OR SURFACE MOUNTING COMPATIBLE PROCESS.

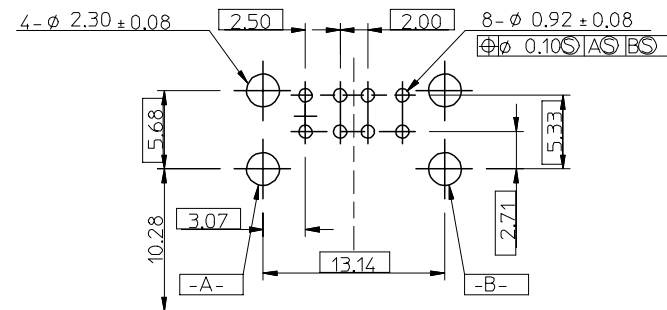
##### 8. LEAD FREE AND ROHS COMPLIANCE PRODUCT

##### 9. WEEK CODE XXXXX

FACTORY  
 WEEK  
 YEAR



| P/N        | COLOR | CONTACT PLATING |
|------------|-------|-----------------|
| 67298-3090 | BLACK | GOLD FLASH      |
| 67298-4090 | WHITE | GOLD FLASH      |
| 67298-3091 | BLACK | 30 MICRO INCH   |
| 67298-4091 | WHITE | 30 MICRO CHEN   |



RECOMMENDED PCB LAYOUT

|               |  |  |  |                                                            |  |        |  |                                                                 |  |                                                                                                                               |  |
|---------------|--|--|--|------------------------------------------------------------|--|--------|--|-----------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------|--|
| L/F FOR 67298 |  |  |  | EC NO.: SH2005020297                                       |  |        |  | 2005/05/06                                                      |  |                                                                                                                               |  |
| B             |  |  |  | DRWN: JCHEN12                                              |  |        |  | 2005/05/10                                                      |  |                                                                                                                               |  |
| REV           |  |  |  | CHKD:                                                      |  |        |  | 2005/05/10                                                      |  |                                                                                                                               |  |
|               |  |  |  | APPR: WWSCHANG                                             |  |        |  | 2005/05/10                                                      |  |                                                                                                                               |  |
|               |  |  |  | DESCRIPTION                                                |  |        |  |                                                                 |  |                                                                                                                               |  |
|               |  |  |  | QUALITY SYMBOLS                                            |  |        |  |                                                                 |  |                                                                                                                               |  |
|               |  |  |  | =0                                                         |  |        |  |                                                                 |  |                                                                                                                               |  |
|               |  |  |  | =0                                                         |  |        |  |                                                                 |  |                                                                                                                               |  |
|               |  |  |  | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |  |        |  |                                                                 |  |                                                                                                                               |  |
|               |  |  |  |                                                            |  |        |  | mm                                                              |  | INCH                                                                                                                          |  |
|               |  |  |  | 4 PLACES                                                   |  | ± ---  |  | ± ---                                                           |  |                                                                                                                               |  |
|               |  |  |  | 3 PLACES                                                   |  | ± ---  |  | ± ---                                                           |  |                                                                                                                               |  |
|               |  |  |  | 2 PLACES                                                   |  | ± 0.25 |  | ± ---                                                           |  |                                                                                                                               |  |
|               |  |  |  | 1 PLACE                                                    |  | ± 0.25 |  | ± ---                                                           |  |                                                                                                                               |  |
|               |  |  |  | ANGULAR ± 3 °                                              |  |        |  |                                                                 |  |                                                                                                                               |  |
|               |  |  |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  |        |  |                                                                 |  |                                                                                                                               |  |
|               |  |  |  |                                                            |  |        |  | DIMENSION STYLE<br>MM ONLY                                      |  | SCALE                                                                                                                         |  |
|               |  |  |  |                                                            |  |        |  | DRAWN BY<br>IVY-LIN                                             |  | DATE<br>2005/03/11                                                                                                            |  |
|               |  |  |  |                                                            |  |        |  | CHECKED BY<br>ALL IN                                            |  | DATE<br>2005/04/01                                                                                                            |  |
|               |  |  |  |                                                            |  |        |  | APPROVED BY<br>WWSCHANG                                         |  | DATE<br>2005/04/01                                                                                                            |  |
|               |  |  |  |                                                            |  |        |  | MATERIAL NO.<br>SEE TABLE                                       |  | DOCUMENT NO.<br>SD-67298-008                                                                                                  |  |
|               |  |  |  |                                                            |  |        |  | SIZE<br>A4                                                      |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |
|               |  |  |  |                                                            |  |        |  | TITLE<br>USB DUAL STACKED A<br>CONNECTOR<br>(LEAD FREE VERSION) |  | DESIGN UNITS<br>METRIC                                                                                                        |  |
|               |  |  |  |                                                            |  |        |  | moLEX                                                           |  | MOLEX INCORPORATED                                                                                                            |  |
|               |  |  |  |                                                            |  |        |  |                                                                 |  | THIRD ANGLE<br>PROJECTION                                                                                                     |  |
|               |  |  |  |                                                            |  |        |  |                                                                 |  | SHEET NO.<br>1 OF 1                                                                                                           |  |



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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